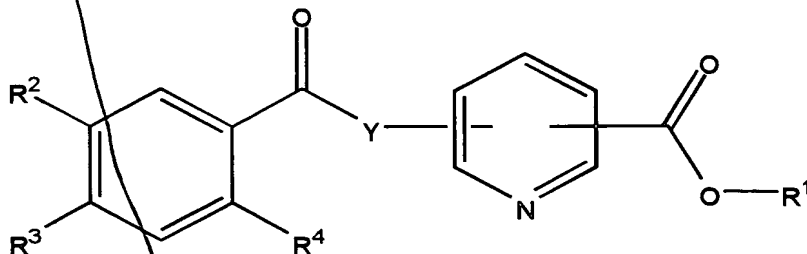


Claims

Al 506
I:

1. A method of administering a compound of Formula



Formula I

wherein

R¹ is hydrogen or C₁₋₆-alkyl;

R² is C₁₋₆-alkyl or adamantyl;

R³ is C₁₋₆-alkyl or hydroxy; or

R² and R³ taken together are -(CR⁶R⁷)_n-;

R⁴ is C₂₋₈-alkyl, C₂₋₈-alkenyl, C₂₋₈-alkynyl, -OCH₂R⁵ or C₂₋₈-alkanoyl, or hydrogen when R³ is hydroxy;

R⁵ is C₁₋₆-alkyl, C₂₋₆-alkenyl or C₂₋₆-alkynyl;

R⁶ and R⁷ are hydrogen or C₁₋₆-alkyl;

Y is oxygen or sulfur; and

n is 3, 4, or 5,

or a pharmaceutically acceptable salts of carboxylic acid of formula I,

wherein said method comprises the step of admixing said compound in solid form with a topical carrier to form a topical formulation within seven days prior to first topical administration of said formulation.

2. A method of claim 1, wherein said topical carrier substantially dissolves said compound.

3. A method of claim 1, wherein said topical carrier suspends said compound.

4. A method of claim 2, wherein said method comprises admixing a unit ~~dose~~ of said compound and said topical carrier comprises an alcohol.

5 5. A method of claim ~~4~~, wherein said alcohol is selected from the group consisting of ethanol, isopropyl alcohol or propylene glycol.

6. A method of claim 1, wherein said topical
10 carrier further comprises a gelling agent.

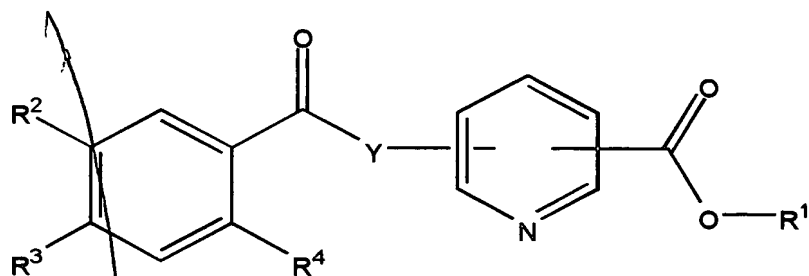
7. A method of claim 2, wherein said method
comprises admixing multiple unit dosages of said compound
and said topical carrier comprises a member selected from
15 the group consisting of diisopropyl adipate, diisopropyl
sebacate, diisocetyl adipate, triacetin, caprylic/capric
triglyceride, and isopropyl myristate.

8. A method of ~~claim 7~~, wherein said method further
20 comprises refrigerating said formulation.

9. A method of claim 1, wherein said formulation
comprises about 0.01% to about 0.1%, by weight, of said
compound.

25 10. A method of claim 1, wherein said method further
comprises admixing said formulation comprising said
compound with a cream or a gel.

30 11. A kit comprising two chambers, wherein said
first chamber comprises a compound in solid form and the
second chamber comprises a topical carrier in an amount
capable of dissolving or dispersing said compound where
said compound is of Formula I



Formula I

wherein

- 5 R^1 is hydrogen or C_{1-6} -alkyl;
 R^2 is C_{1-6} -alkyl or adamantyl;
 R^3 is C_{1-6} -alkyl or hydroxy; or
 R^2 and R^3 taken together are $-(CR^6R^7)_n-$;
 R^4 is C_{2-8} -alkyl, C_{2-8} -alkenyl, C_{2-8} -alkynyl, $-OCH_2R^5$ or
 10 C_{2-8} -alkanoyl, or hydrogen when R^3 is hydroxy;
 R^5 is C_{1-6} -alkyl, C_{2-6} -alkenyl or C_{2-6} -alkynyl;
 R^6 and R^7 are hydrogen or C_{1-6} -alkyl;
 Y is oxygen or sulfur; and
 n is 3, 4, or 5,
 15 or a pharmaceutically acceptable salts of carboxylic acid
 of formula I.

12. A kit of claim 11, wherein said topical carrier
 20 is in an amount capable of substantially dissolving said
 compound.

13. A kit of claim 11, wherein said topical carrier
 is in an amount capable of suspending said compound.

25 14. A kit of claim 12, wherein said second chamber
 comprises a unit dose of said compound and said topical
 carrier comprises an alcohol.

30 15. A kit of claim 14, wherein said alcohol is
 selected from the group consisting of ethanol, isopropyl
 alcohol or propylene glycol.

16. A kit of claim 1, wherein said first chamber further comprises a gelling agent.

5 17. A kit of claim 12, wherein said first chamber comprises multiple unit dosages of said compound and said solvent is selected from the group consisting of diisopropyl adipate, diisopropyl sebacate, diisocetyl adipate, triacetin, caprylic/capric triglyceride, and
10 isopropyl myristate.

18. A kit of claim 17, wherein said kit further comprises a label instructing the user to refrigerate said formulation.

15 19. A kit of claim 1, wherein said compound is in an amount of about 0.01% to about 0.1%, by weight, of the combined weight of the compound and the topical carrier.

20 20. A kit of claim 12, wherein said kit further comprises a third chamber comprising a cream or a gel.

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